Adkins Energy LLC
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CA-GREET Model for corn ethanol Pathway

The applicant has conducted its analysis of direct effects on carbon intensity for this pathway using CA-GREET, v.1.8b (Dec. 2009) (See http://www.arb.ca.gov/fuels/lcfs/ca_greet1.8b_dec09.xls). The standard inputs and parameters specified in CA-GREET remain unchanged except as noted in the input table below. The input table below specifies the spreadsheet location of the CA-GREET inputs and other parameters that were claimed as confidential business information or trade secret by the applicant, but it does not disclose the actual value of such inputs and parameters because they are claimed to be confidential business information or trade secret.

Adkins Energy Input data table (Locations of cells containing Confidential Business Information are shown, but the actual values of such confidential information are not disclosed):

Parameter	Unit	Value	CA-GREET Cell Changed
Region			Regional LT tab
Select Region for Analysis		Midwest	C2
Corn ethanol plant energy use			Inputs Tab
Dry mill NG use	Btu/gal	Confidential	C254
Electricity demand	kWh/gal	Confidential	C258
Ethanol production			Fuel_Prod_TS Tab
Ethanol yield	Gal/bushel	Confidential	C271
Fraction dry milling	%	Confidential	C285
Co-product yield			EtOH Tab
DGS yield	Bone-dry lb/gallon ethanol	Confidential	C101

Corn Transport and ethanol transport distances		T&D Flowcharts Tab	
Corn transport from stack to plant by truck	miles	Confidential	M1313
Ethanol transport by rail	miles	Confidential	F1442